

40920 Slate Gray, gray-green

Slate is a metamorphic rock.

Chemical Composition:

SiO ₂	60 – 62 %
Al ₂ O ₃	16 – 18 %
Fe ₂ O ₃	1 – 2 %
FeO	4 – 6 %
K ₂ O	3 – 4 %
MgO	1 – 3 %
TiO ₂	< 1.0 %
CaO	< 1.0 %
CO ₂	< 1.0 %
Total Sulfur S	< 1.0 %
Moisture	0.35 %

Physical Properties:

Bulk density	1.10 g/cm ³
Density	2.74 g/cm ³
Oil absorption (DIN EN ISO 787/5)	30 g / 100 g
Surface BET-Value	3,8 m ² /g

Typical Particle Size (with Alpine 200 LS-N)

Sieve residue (50 µm)	≤ 2.0 %
Sieve residue (125 µm)	≤ 0.2 %